

IAEA JOB DESCRIPTION
TECHNICAL CO-OPERATION EXPERT MISSION

1. PROJECT AND TASK No: **RER/4/025 - 9a22**
2. PROJECT TITLE: **Optimisation of NPP Performance and Service Life**
3. TASK TITLE: **Technical Meeting on Best Practices in Training of NPP Personnel (PENTRAC meeting)**
4. ACTIVITY CODE: 4C
5. DUTY STATION(S): **Dukovany NPP, Czech Republic**
6. EXPERT's COUNTERPART NAME and COMPLETE ADDRESS: Mr. A. Kossilov, IAEA, Nuclear Power Engineering Section, Tel: +43 1 260022802, E-mail: A.Kossilov@iaea.org
7. STARTING DATE: **24 November 2003**
8. DURATION (excl. travel time): 4 days
9. DUTIES:

Assist in the implementation of the Technical Meeting on Best Practices in Training of NPP Personnel (PENTRAC meeting).

Note: The expert's presentations should be agreed with Mr. T. Mazour well in advance, see also a draft agenda attached.

10. QUALIFICATIONS: Degree in engineering or project management and experience in NPP personnel training.
11. REQUIRED LANGUAGE(s): English
12. EQUIPMENT: / / applicable /X/ not applicable

Item(s) required for expert mission:

Procurement Request No.(s)

Expected date of delivery:


13. BACKGROUND PROJECT INFORMATION:
(Project summary plus outline of the progress made, such as equipment delivered, experts missions fielded, etc.)

Many new challenges are being faced by utilities and NPP managers in Member States of the region whose economies are in transition. In the process of market deregulation, there is an increasingly competitive economic environment, while at the same time stronger safety requirements are being imposed. Several Member States in the region have taken or are in process of taking decisions for termination of operation and decommissioning of some NPPs, others on extension of their operational life, and still others on completion of construction of delayed projects. Together, these pose special challenges to the managers of utilities and NPPs as they strive to implement cost-effective solutions to meet the new safety requirements, achieve economies in operation, and optimize overall NPP performance and plant service life, including decommissioning. There are 72 operating nuclear units, 11 units under construction, and eight units shut down for decommissioning, illustrating the scale of the problem in the region. In 2001, the nuclear share of electricity production in the Member States of the region ranged from about 10% to 70%. These aspects were highlighted in national presentations at the review conference on Nuclear Safety Convention held in 2002. Continuation of staff training, experience exchange and experts meetings in 2003 -2005 within the project is essential, as effort to date have shown that substantial improvements is still feasible. The project will contribute to improve the ability of instructors to conduct training for NPP personnel through the support of the structure and organization of Pan-European Co-operation among Nuclear Training Centres (PENTRAC).

14. RADIATION OCCUPATIONAL EXPOSURE: / X / No / / Yes

NPP <input type="checkbox"/>	NEUTRON SOURCES <input type="checkbox"/>	RADIOISOTOPE element:
REACTORS (Research...) <input type="checkbox"/>	RADIOISOTOPES <input type="checkbox"/>	ACTIVITY (Bq):
ACCELERATORS <input type="checkbox"/>	RADIOACTIVE WASTES <input type="checkbox"/>	
IRRADIATION PLANTS <input type="checkbox"/>	OTHERS	
RADIOLOGY MACHINES <input type="checkbox"/>		
GAMMA CAMERA <input type="checkbox"/>		

15. THIS IS A REVISION OF TASK N0.(if applicable)N/A.....

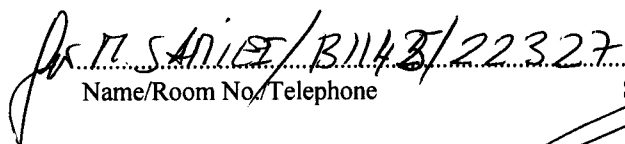
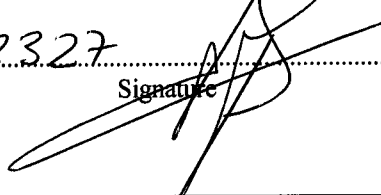
16. TECHNICAL OFFICER: Ian R. Facer / A-2508 / 22806  2003-10-10

.....
Name/Room No./Telephone Signature Date

A. Cardoso Cabezon / B-1149 / 25985

17. PROJECT OFFICER:
.....
Name/Room No./Telephone Signature Date

18. AREA OFFICER: I APPROVE THE JOB DESCRIPTION. PROJECT FUNDS ARE AVAILABLE.

 / B-1148 / 22327  12/10/2003
Name/Room No./Telephone Signature Date

FOR EXPERTS SECTION USE ONLY:

FUND Code(s)	Revision of JD No.	Computerized by:	Date:
.....